

# Glenn Research Center, Environmental Programs Manual

## Chapter 4 - AIR POLLUTION CONTROL

**NOTE:** The current version of this Chapter is maintained and approved by the Environmental Management Office (EMO). The last revision date of this chapter is July 2004. If you are referencing paper copies, please verify that it is the most current version before use. The current version is maintained on the Glenn Research Center intranet at <http://osat-ext.grc.nasa.gov/emo/pub/epm/epm-contents.pdf>. Approved by: EMO Chief, Michael Blotzer {[mailto: Michael.J.Blotzer@nasa.gov](mailto:Michael.J.Blotzer@nasa.gov)}

### PURPOSE

This chapter establishes policies and procedures pertaining to the design, construction, modification or operation of new or existing sources of air pollution at NASA John H. Glenn Research Center at Lewis Field and Plum Brook Station (GRC).

This chapter conforms to the Glenn Research Center's Environmental Management System (GRC EMS) as defined in [Chapter 1](#) and supports GRC environmental policy, promoting pollution prevention, regulatory compliance, and continuous improvement.

### APPLICABILITY

The guidance provided in this chapter applies to all employees (civil servants, support service contractors, tenant organizations or other employees) who design, construct, modify or operate new or existing sources of air pollution at GRC. This chapter is applicable to a lesser extent to other off site entities involved with GRC activities.

### POLICY

It is GRC policy to design, install, modify or operate all air pollution sources in compliance with all local, state, and federal laws, codes, standards, requirements and permit conditions.

### REGULATIONS

42 U.S.C. s/s 7401 et seq. (1970) Clean Air Act and Subsequent Amendments  
40 CFR Chapter 1, Subchapter C (Air Program)  
Ohio Revised Code 3701 and 3704  
Ohio Administrative Code 3745  
Provisions, Terms and Conditions of all Air Permits

### RESPONSIBILITIES

#### **All Employees (civil service, support service contractor, tenant organization employees or other)**

- Contact the EMO Environmental Team (ET) with any questions concerning the disposal of airborne waste.
- Operate air pollution sources in compliance with local, state, and federal codes, standards, requirements and permit conditions.
- Notify ET in the event that a regulatory or permit condition is not attainable.
- Immediately notify the ET in the event that an air pollution source experiences a permit limit or regulatory excursion.
- Maintain emission related records for air pollution sources as required by regulatory or permit conditions.
- Provide requested emission related data to the ET.
- Notify the ET of any planned new air pollution sources as early in the design process as possible.
- Notify the ET of any alterations to new or existing air pollution sources or their operation as early as is possible.

## **Environmental Management Office (EMO)**

### **Environmental Team**

- Prepare air related permit applications.
- Prepare air related reports to regulatory agencies.
- Provide support and technical information on regulations regarding air pollution.

## **REQUIREMENTS**

### **Interfacing with Regulatory Agencies**

At Lewis Field, the EMO is the official point of contact with regulatory agencies in regards to air pollution.

At Plum Brook Station, the Plum Brook Environmental Manager is the official point of contact with regulatory agencies in regards to air pollution.

### **Signatory Authority**

The Center Director is the Responsible Official for GRC. At Lewis Field, the Director of the Engineering and Technical Services Directorate is the Duly Authorized Employee who may act as the responsible Official and The Chief of EMO is delegated the authority to sign reports, plans, certifications and official correspondence with regulatory agencies as necessary. At Plum Brook Station, the General Manager of the Plum Brook Management Office is the Duly Authorized Employee who may act as the responsible Official.

### **Regulatory compliance**

All air pollution sources shall operate in conformance with the local, state, and federal codes, standards, requirements and permit conditions.

All new sources or air pollution and all modifications to existing sources of air pollution require review and concurrence of ET prior to instillation and operation. This requirement includes changes in operational practice, relocation, discontinuation or removal a source.

There shall be no releases of radioactive materials except through established and approved procedures and with the concurrence of the EMO Health Physics and Industrial Hygiene (HP&IH) Team and the Radiation Safety Officer in accordance with Nuclear Regulatory Commission regulations.

## **RECORDS**

- Local/ Ohio EPA/Federal Air Permits
- Local/ Ohio EPA/Federal Air Permit Applications
- Monthly Asbestos Blanket Permit Records
- Emission Fee/Compliance/Other Regulatory Reports

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